



# REDFLEX<sup>®</sup>lascam

## Product Overview

REDFLEXlascam Speed Camera System is the leading laser speed technology system in the traffic enforcement industry. REDFLEXlascam provides moment-by-moment situational awareness of problem traffic areas, as well as applications for achieving the most effective responses.

The REDFLEXlascam combines the very best in digital image capture with highly accurate laser speed detection. The unique component of our patented technology is its dual-lens image capture system.

REDFLEXlascam software also provides a superior level of data that is consistently recognised and accepted in global judicial systems.

REDFLEXlascam captures two images of an infringing vehicle concurrently; a wide angle lens captures an situational image of the vehicle in its immediate surrounds and a telephoto lens captures a close-up image of the vehicle and its license plate.

Redflex Traffic Systems Pty. Ltd. is the industry leader in vehicle monitoring and enforcement services for government, police, and traffic departments globally.

Redflex has maintained its market leader position by providing customers worldwide with a significant degree of competency, knowledge and subject matter expertise to ensure enforcement program success.

### REDFLEXlaserCam Components

The REDFLEXlaserCam system will include the following items:

- REDFLEXlaserCam dual camera
- Laser speed measuring device
- Portable field computer
- 12 volt battery pack
- High quality, heavy-duty tripod
- Pan/tilt head.

### System Operation

The REDFLEXlaserCam system can operate in environments where fixed or mobile speed reduction solutions need to be used. This may be in black spot areas, speed complaint locations and school zones.

The units can be operated on a tripod or mounted in vehicles. One distinct advantage of these devices is that there are no reflectivity issues that are experienced by radar based systems.

The unique, patented technology of the REDFLEXlaserCam digital camera is its dual-lens image capture system.

REDFLEXlaserCam also offers a supplementary method of traffic monitoring compared to the traditional policing procedure of interception and issue of a traffic infringement notice.

The REDFLEXlaserCam digital image capture system eliminates the use of film and video and all associated operating costs. Image retrieval time is measured in seconds and digital images can be remotely transferred and stored at one central site.

Our software allows all operations to be performed from one interface screen. This significantly reduces processing time whilst searches can be performed on infringements by any number of different criteria (for example date, speed time and location).

### Security

Evidential integrity is one of the most attractive features of REDFLEXlaserCam.

REDFLEXlaserCam has a proven, secure evidentiary path. REDFLEXlaserCam images are encoded with a digital signature, produced by software algorithms and attached to the infringement record, at the time of storage. If infringement data is electronically downloaded or copied from a DVD disk to another storage media, it is still accompanied by the original signature. Any electronic tampering with the original or copied digital record will be detected.

### Specific Redflex services are:

Full Vertical Integration Solutions: Redflex provides customers with the flexibility to create an automated enforcement solution that meets the unique needs and requirements of the contracted agency.

### Full Vertical Integration Solutions includes:

- In-house manufacturing of each camera unit
- In-house technicians and maintenance teams
- In-house research & development department
- In-house customer service department

### Complete Program

Redflex can provide all of the required infrastructure, support, hardware, software and services to ensure successful operation throughout the lifetime of the photo enforcement program.

### Product Overview

- Back Office Enforcement Processing Software
- Fixed Location Motor Vehicle Speed Cameras
- Red Light/Speed Cameras
- Bus Transit Lane Camera Systems
- Toll Camera Enforcement Solutions
- Mobile Motor Vehicle Speed Cameras
- Point-to-Point Average Speed Solutions
- Weigh-In-Motion Solutions
- Rail Crossing Enforcement Solutions

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### Typical REDFLEXlaserCam setup

